

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A hardware upgrade for a set top terminal for use with a television program delivery system with menu selection of programs, the set top terminal having a microprocessor and microprocessor instructions for prompting generation of menus, the hardware upgrade comprising:
an interface to the set top terminal for receiving and processing subscriber input; ~~and~~
a modem connected to the interface capable of communicating with one or more headends, wherein the set top terminal receives television program signals based on the subscriber input; and
a microprocessor connected between the interface and the modem, and
wherein the hardware upgrade is a card insertable into the set top terminal and downloads data from the one or more headends to a local storage.
2. (cancelled).
3. (currently amended): The hardware upgrade of claim ~~2~~ 1 further comprising memory connected to the microprocessor of the hardware upgrade.
4. (original): The hardware upgrade of claim 1 wherein the modem is capable of communicating with an interactive service.
5. (original): The hardware upgrade of claim 4 wherein the interactive service is outside of the television program delivery system.
6. (original): The hardware upgrade of claim 4 wherein the interactive service is selected from a group consisting of home shopping, airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.
7. (original): The hardware upgrade of claim 1 wherein the modem is capable of communicating with an on-line database.
8. (original): The hardware upgrade of claim 7 wherein the on-line database is outside of the television program delivery system.
9. (original): The hardware upgrade of claim 7 wherein the on-line database contains data concerning one or more applications selected from a group consisting of home shopping,

airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.

10. (original): The hardware upgrade of claim 1 wherein the interface to the terminal comprises a four-wire connector.

11. (original): The hardware upgrade of claim 1 wherein the interface to the terminal comprises a multipin connector.

12. (original): The hardware upgrade of claim 11 wherein the multipin connector is a multipin connector ranging from type DB9 to type DB25.

13. (original): The hardware upgrade of claim 1 wherein the interface to the terminal comprises a SCSI connector.

14. (currently amended): A set top terminal for use with a television program delivery system with menu selection of programs, the set top terminal having a microprocessor and microprocessor instructions for prompting generation of menus and comprising:

a receiver adapted to receive programs; and

a first hardware upgrade comprising:

an interface to the set top terminal for receiving and processing subscriber input; ~~and~~

a modem connected to the interface capable of communicating with one or more headends, wherein the set top terminal receives television program signals based on the subscriber input; and

a microprocessor connected between the interface and the modem, and

wherein the first hardware upgrade is a card inserted into the set top terminal and downloads data from the one or more headends to a local storage.

15. (original): The terminal of claim 14 further comprising a display that indicates when the hardware upgrade is in use.

16. (original): The terminal of claim 14 wherein the terminal has an expansion card slot, and wherein the interface comprises at least one card connector adapted for use with the expansion card slot.

17. (cancelled).

18. (original): The terminal of claim 14 wherein the terminal is an HDTV terminal.

19. (original): The terminal of claim 14 further comprising:
one or more additional hardware upgrades connected to the terminal.

20. (original): The terminal of claim 19 wherein the first hardware upgrade and the one or more additional hardware upgrades are connected in a daisy-chain arrangement.
21. (original): The terminal of claim 20 wherein each of the first hardware upgrade and the one or more additional hardware upgrades comprises a SCSI connector, and the daisy-chain arrangement is a SCSI daisy-chain arrangement.
22. (original): The terminal of claim 19 wherein the first hardware upgrade and the one or more additional hardware upgrades are capable of operating simultaneously.
23. (original): The terminal of claim 19 wherein at least one of the one or more additional hardware upgrades is selected from the group consisting of an audio program reception hardware upgrade, an interactive hardware upgrade that receives interactive subscriber input and produces interactive output, and a storage hardware upgrade.
24. (currently amended) A system comprising:
a television program delivery system adapted to deliver television program signals;
and
a set top terminal having a microprocessor and microprocessor instructions for prompting generation of menus and comprising:
a receiver adapted to receive at least some of the television program signals;
and
a hardware upgrade comprising:
an interface to the set top terminal for receiving and processing subscriber input; ~~and~~
a modem connected to the interface capable of communicating with one or more headends, wherein the set top terminal receives the television program signals based on the subscriber input; and
a microprocessor connected between the interface and the modem, and
wherein the hardware upgrade is a card inserted into the set top terminal and downloads data from the one or more headends to a local storage.
25. (original): The system of claim 24 wherein the television program delivery system is a cable television program delivery system.
26. (original): The system of claim 25 wherein the cable television program delivery system comprises an operations center, the operations center transmitting one or more of the programs to the terminal.

27. (original): The system of claim 26 wherein a particular one of the one or more headends transmitting one or more of the programs to the terminal.
28. (original): The system of claim 24 wherein the television program delivery system is a satellite broadcast system.
29. (original): The system of claim 24 wherein the terminal is an HDTV terminal.
30. (currently amended): A television terminal having a microprocessor and microprocessor instructions for prompting generation of menus, the television terminal comprising:
- a television program receiver;
 - a hardware upgrade comprising:
 - an interface to the television terminal for receiving and processing subscriber input;
 - a modem capable of communicating with one or more headends, wherein the ~~receiver~~ television terminal receives television program signals based on the subscriber input; and
 - a microprocessor connected between the interface and the modem, and
 - wherein the modem downloads data from the one or more headends to a local storage; and
 - an output connected to the receiver and the modem, wherein the output accepts the television program signals from the receiver and data signals from the modem.
31. (original): The television terminal of claim 30 wherein the output is a video display.
32. (original): The television terminal of claim 30 wherein the output is a connector port.
33. (cancelled).
34. (currently amended): The television terminal of claim ~~33~~ 30 further comprising memory connected to the microprocessor of the hardware upgrade.
35. (original): The television terminal of claim 30 wherein the modem is capable of communicating with an interactive service.
36. (original): The television terminal of claim 35 wherein the interactive service is outside of the television program delivery system.
37. (original): The television terminal of claim 35 wherein the interactive service is selected from a group consisting of home shopping, airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.

38. (original): The television terminal of claim 30 wherein the modem is capable of communicating with an on-line database.

39. (original): The television terminal of claim 38 wherein the on-line database is outside of the television program delivery system.

40. (original): The television terminal of claim 38 wherein the on-line database contains data concerning one or more applications selected from a group consisting of home shopping, airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.

41. (original): The television terminal of claim 30 wherein the television terminal is an HDTV terminal.

42. (currently amended): A method for delivering television programs through a television program delivery system with menu selection of programs, comprising:

receiving a television program from one or more headends;

receiving subscriber input through an interface within a set top terminal, the set top terminal having a microprocessor and microprocessor instructions for prompting generation of menus;

communicating through a modem with the one or more headends using a hardware upgrade inserted into the set top terminal, the hardware upgrade having the modem, and the communicating step comprising:

transmitting data based on the subscriber input;

receiving data from the one or more headends; and

downloading data from the one or more headends to a local storage using the hardware upgrade and the modem; and

displaying the television program and/or information based on the received data.

43. (original): The method of claim 42 wherein the received data comprises information concerning the television program.

44. (original): The method of claim 43 wherein the information concerning programs is selected from a group consisting of quizzes, facts, geographical information, and product information.

45. (original): The method of claim 42 wherein the communicating step further comprises:

communicating with at least one interactive service.

46. (original): The method of claim 45 wherein the interactive service is outside of the television program delivery system.

47. (original): The method of claim 45 wherein the interactive service is selected from a group consisting of home shopping, airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.

48. (original): The method of claim 42 wherein the communicating step further comprises:

communicating with at least one on-line database.

49. (original): The method of claim 48 wherein the on-line database is outside of the television program delivery system.

50. (original): The method of claim 48 wherein the on-line database contains data related to one or more applications selected from a group consisting of home shopping, airline reservations, news, financial information, classified advertisements, home banking, and interactive teletext.

51. (original): The method of claim 42 further comprising:
storing digital data on a storage device.

52. (original): The method of claim 51 wherein the storage device is a disc.

53. (original): The method of claim 52 wherein the disc is a CD.

54. (original): The method of claim 53 wherein the CD is a CD-ROM.

55. (original): The method of claim 51 further comprising:
processing the digital data stored on the storage device.

56. (original): The method of claim 51 wherein the stored digital data concerns one or more applications selected from a group consisting of games, education, encyclopedias, reference, and economics.

57. (original): The method of claim 51 wherein the received data comprises information concerning the television program, and the method further comprises:

monitoring the information concerning the television program; and
retrieving the stored digital data, in response to the monitoring step.

58. (original): The method of claim 42 further comprising:
remotely receiving the interactive subscriber input.

59. (original): The method of claim 42 further comprising:
generating a menu on a television, wherein the subscriber input comprises menu selections.